

S/N Unknown

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KOYAMA, et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket No.:	12052.17USD2
Title:	A LASER PROCESSING METHOD TO A CLASS SUBSTRATE AND AN OPTICAL DIFFRACTION ELEMENT OBTAINED THEREBY, AND A METHOD FOR MANUFACTURING OPTICAL ELEMENTS		

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 322885275 US  
Date of Deposit: July 18, 2003

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

By:   
Name: John Junkers

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(b))

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted within three months of the filing date of the above-identified application, which is not an application under 37 C.F.R. § 1.53(d). Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. § 1.98(d), a copy of each document or other information listed on the enclosed Form 1449 is not provided because it was previously cited by or submitted to the U.S. Patent and Trademark Office in parent application, U.S. Serial No. 09/898,239 filed on July 3, 2001.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to

establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

MERCHANT & GOULD P.C.  
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Dated: July 18, 2003

By: *Curtis B. Hamre*  
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Reg. No.: 29,165

CBH/pjk




<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 12052.17USD2	Application Number: Unknown
	Applicant: KOYAMA, et al.	
	Filing Date: Herewith	Group Art Unit: Unknown

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,691,792	November, 1997	Mizushima, et al.			
	5,607,732	March, 1997	Miyamoto, et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	JP 8-508207	09/03/96	Japan			Abstract	
	JP 8-057678	03/05/96	Japan			Abstract	
	JP 8-025045	03/13/96	Japan			Abstract	
	JP 8-009794	01/31/96	Japan			Abstract	
	JP 7-168023	07/04/95	Japan			Abstract	
	JP 7-102470	11/08/95	Japan			Abstract	
	JP 7-051400	06/15/95	Japan			Abstract	
	JP 7-4675	01/25/95	Japan			Abstract	
	JP 5-303916	11/16/93	Japan			Abstract	
	JP 5-200577	08/10/93	Japan			Abstract	
	JP 4-253583	09/09/92	Japan			Abstract	
	JP 50-42499	04/17/75	Japan			Abstract	
	DE 43 38 969	09/19/96	Germany			Abstract	
	EP 629 592	02/12/94	EPO			Abstract	
	WP 94/04744	03/03/94	PCT				
	EP 0682 272	11/15/95	EPO				
	DE 195 44 295	6/5/97	Germany				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	1993	Yablonovitch, E., "Photonic band-gap structures" <i>J. Opt. Soc. Am.</i> , vol. 10, no. 2, February 1993
	1996	Tyan, Rong-Chung, Pang-Chen Sun, Axel Scherer and Yeshayahu Fainman, "Polarizing beam splitter based on the anisotropic spectral reflectivity characteristic of fom-birefringent multi-layer gratings", <i>Optics Letters</i> , Vol. 21, no. 10, May 15, 1996.
	1981	Murahara, Masataka; Yoshiyuki Kawamura; Koichi Toyoda, and Susumu Namba, "Fabrication of PMMA Holographic Grating by KrF Excimer Laser", December 14, 1981
	1996	Holmer, Anna-Karin, Simultaneous Machining of Parallel Grooves in SnO <sub>2</sub> Thin Films Using a ND:YAG Laser and a Kinoform, May 20, 1996, pp. 2614-18, <i>Applied Optics</i> , Vol. 35, No. 15

EXAMINER	DATE CONSIDERED	 <b>23552</b> PATENT TRADEMARK OFFICE
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.		